

ABSTRACT OF THE DISCLOSURE

The present invention provides a pressure-sensitive adhesion sheet being excellent in moisture and heat resistance and having a high adhesion to inorganic materials such as glass and tile, particularly a high adhesion even under high temperature and high humidity conditions, without using a silane coupling agent. The pressure-sensitive adhesion sheet for a silicone oxide-containing material comprises a base material having formed on at least one surface thereof a layer composed of an acrylic pressure-sensitive adhesive, wherein the base material is selected from a foamed base material having a water absorption rate less than 15 % by weight after having been immersed in warm water having a temperature of 40°C for 24 hours and a plastic film having a water vapor permeability of 500 g or less/m<sup>2</sup>/24 hours, and the acrylic pressure-sensitive adhesive to be used in combination with the base material selected is specified.